

NOVEL CABLE TRAY ASSEMBLIES

ABSTRACT OF THE INVENTION

A cable tray is provided for supporting conductive cable and a system is provided to connect cable trays to create secure cable pathways to safely organize and support conductive cable. The system includes improved junctions for joinder of cable trays in any desired pre-formed shape that eliminates exposed sharp edges and allows for fast, easy installation. Various shaped connectors between adjacent cable trays provide secure, easy-to-install connections and maintain electrical conductivity between adjacent trays. A system for surface treating the cable trays renders the trays electrically non-conductive at desired portions of each cable tray, while leaving exposed certain portions of each tray. Mask blanks that fit the connectors and selected portions of the cable tray are used to expose electrically conductive portions of the cable trays during the treatment of the cable trays. Rollers are provided to facilitate drawing cables over the tray.

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